

What is claimed is:

1. A system for monitoring material on shop floors, comprising:

a central database;

a central database server;

at least one subsidiary company database;

at least one subsidiary company database server;

a material monitoring system server;

a plurality of client computers; and

a network interconnecting the central database, the central database server, the subsidiary company database, the subsidiary company database server, the material monitoring system server and the client computers, wherein:

the central database is used to gather material information and store two-dimensional graphics three-dimensional graphics and data tables;

the central database server is used to manage the central database;

the at least a subsidiary company database is used to store material data of a respective subsidiary company and connects with the central database via the respective subsidiary company database server, the network, and the central database server;

the at least a subsidiary company database server is used to manage the respective subsidiary company database;

the plurality of client computers connects with the material monitoring system server via the network so that users can search for production information from the client computers;

the material monitoring system server is used to invoke material information stored in the central database according to the plurality of client computers, the material monitoring system server further comprising:

an application program, which is used to display production information

with a two-dimensional graphic or a three-dimensional graphic and which is used to display information on materials in a table.

2. The system as described in claim 1, wherein the two-dimensional graphics or three-dimensional graphics are stored in the central database and comprise a worldwide graphic of a company, graphics of each individual country having a subsidiary company, graphics of each subsidiary company in each country, graphics of each workshop in each subsidiary company, and graphics of each line in each workshop.

3. The system as described in claim 1, wherein the two-dimensional graphics or three-dimensional graphics stored in the central database comprise a plurality of position selection dots.

4. The system as described in claim 1, wherein two-dimensional graphics or three-dimensional graphics stored in the central database comprise a plurality of magnification selection dots.

5. The system as described in claim 1, wherein the application program comprises a graphic displaying module, which is used to display and refresh graphics according to selections made by users.

6. The system as described in claim 5, wherein the graphic displaying module comprises a two-dimensional graphic displaying sub-module, which is used to display a two-dimensional graphic according to selections made by users.

7. The system as described in claim 5, wherein the graphic displaying module comprises a three-dimensional graphic displaying sub-module, which is used to display a three-dimensional graphic according to selections made by users.

8. The system as described in claim 1, wherein the application program comprises a graphic comparing module, which is used to compare the large scale graphic and the magnified graphic.

9. The system as described in claim 1, wherein the application program

comprises a graphic analyzing module, which is used to select and analyze the data stored in the central database according to selections made by users.

10. The system as described in claim 1, wherein the application program comprises a data integrating module, which is used to integrate and classify data received and to display integrated data in a table.

11. The system as described in claim 10, wherein the data integrating module comprises a data selection sub-module, which is used to select data stored in the central database according to the graphic displayed.

12. The system as described in claim 10, wherein the data integrating module comprises a data output sub-module, which is used to gather the integrated data, generate tables needed, display the tables with the graphics, and feed back to the central database.

13. The system as described in claim 10, wherein the data integrating module comprises a data transmission sub-module, which is used to transmit the data selected by the data selection sub-module to the data output sub-module for integrating, and to transmit the integrated data to the central database.

14. A method for monitoring material on shop floors comprising the following steps:

- (a) selecting a position from a graphic;
- (b) refreshing and displaying the graphics according to the selection;
- (c) connecting with a central database to read and transmit relevant data to a data integrating module;
- (d) integrating and classifying the transmitted data; and
- (e) generating a table specific to the graphic.

15. The method as described in claim 14, wherein the graphic can be a global graphic of a company, a graphic of a country, a graphic of a subsidiary company, or a graphic of a workshop.

16. A method of monitoring material on shop floors of workshops of subsidiary companies of an enterprise, comprising the steps of:

- selecting a country from a global graphic of the enterprise;
- magnifying a graphic of the selected country;
- tabling integrated data of the selected country;
- selecting one of said subsidiary companies from the graphic of the selected country;
- magnifying a graphic of the selected one of said subsidiary companies;
- tabling integrated data of the selected one of said subsidiary companies;
- selecting one of said workshops from the graphic of the selected one of said subsidiary companies;
- magnifying a graphic of the selected one of said workshops;
- tabling integrated data of said selected one of said workshops;
- selecting a product line from the graphic of the selected one of said workshops;
- magnifying a graphic of said selected product line; and
- tabling integrated data of the product line.